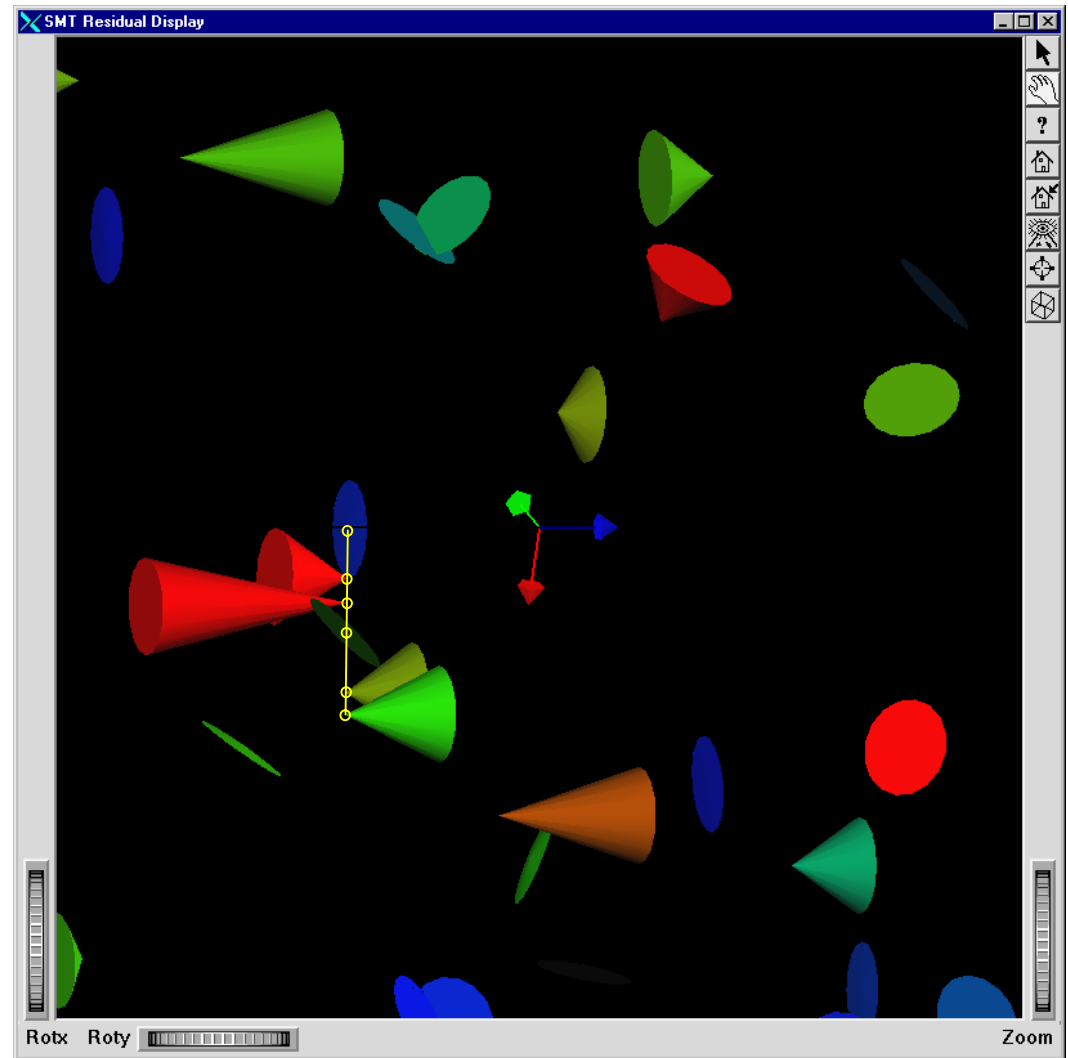
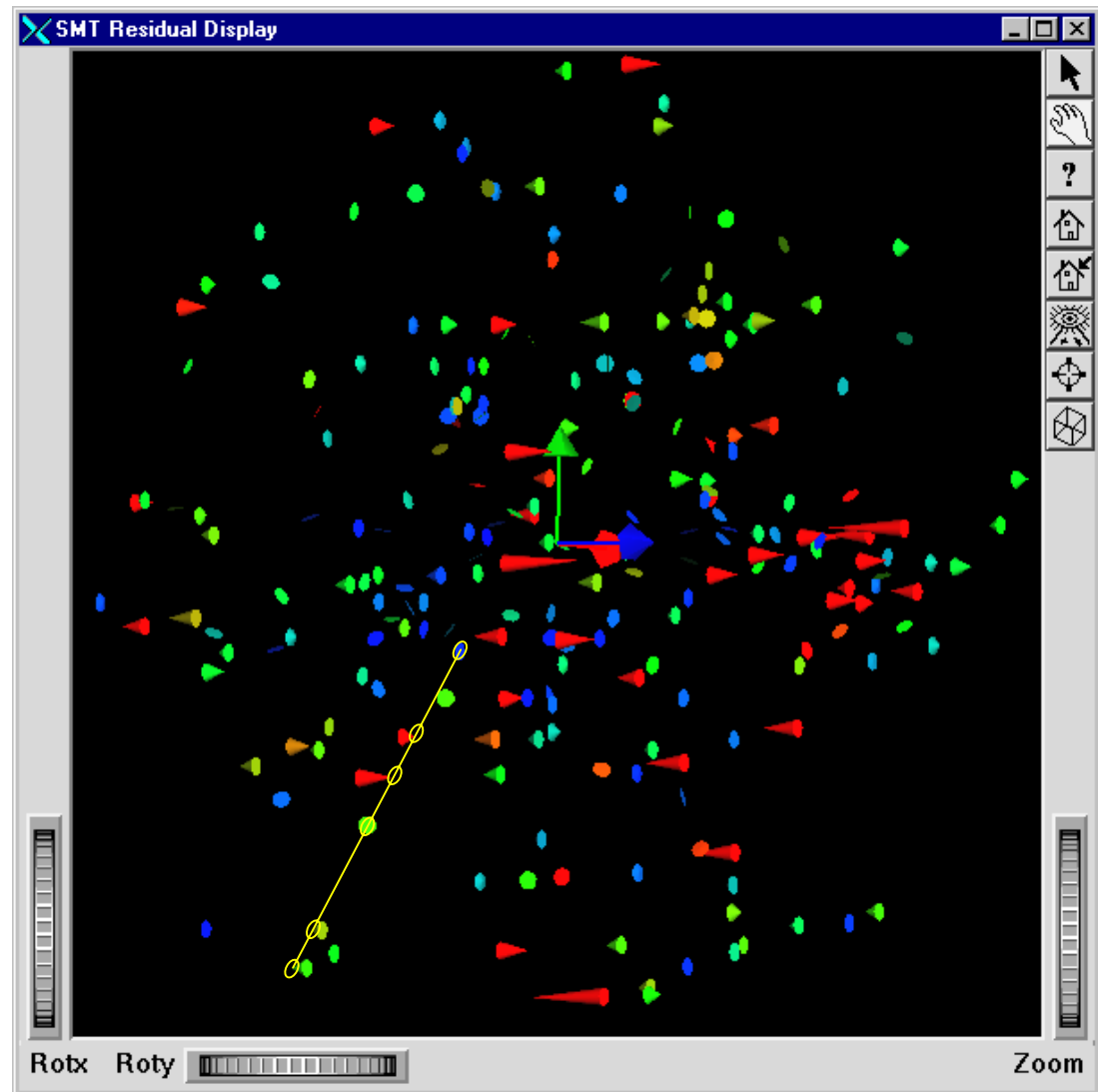


Close up of a single track with 6 hits, looking almost along the track. The track and hits are marked in yellow. Note that the tip of the cone touches the track.

The coordinate system has the blue Z-axis pointing right, the red x-axis pointing down, and the green y-axis pointing into the paper.



This is the same track and hits (yellow line and circles) viewed from a distance so that the whole barrel 4 is included in the view, with z right, y up. Note that the residuals are not perpendicular to the track, but appear aligned along the z axis. This is especially obvious for the large red residuals.



This view along the z axis shows that most residual cones appear as circles because they lie along the z axis. This would not be the case if the residuals were perpendicular to the tracks, because most tracks have a significant z component.

